Appl. No. 10/783,753
Amdt. dated September 29, 2005
Reply to Office Action of August 22, 2005

PATENT

Amendments to the Abstract:

Please replace the Abstract with the following:

When streaming <u>data</u> is sent to a client, server capabilities are restricted by the ability to retrieve data from a storage unit, the data transfer rate drops and processing time increases. A device adapter that connects a [[server]] <u>host</u> and a storage includes a cache controller, a cache interface that accesses a cache device and a storage interface that accesses the storage. With the cache controller, data retrieved from the storage can be stored in a cache without the awareness of a host computer. The cache controller includes a cache directory that manages storage region allocation of the cache and a monitor that maintains load and performance information of the storage and the cache. The storage and the cache are appropriately used not only depending on the presence of requested data inside the cache but also depending on the present load and performance of the storage.